

3. Crosswalks should be placed at the following locations:
 - Palisades Lane
 - East side of Maud Street intersection
 - East side of Glenbrook Road intersection
 - West side of Millwood Lane intersection
 - East side of Lowell Street intersection
 - East side of University Terrace intersection
 - Restripe crosswalks at the intersection of Loughboro and Foxhall Roads.

Recommendation:

- Construct bus shelters/pads where indicated. Place crosswalks where indicated.

Issue:

- Traffic operations on Loughboro Road between Dalecarlia Parkway and MacArthur Boulevard

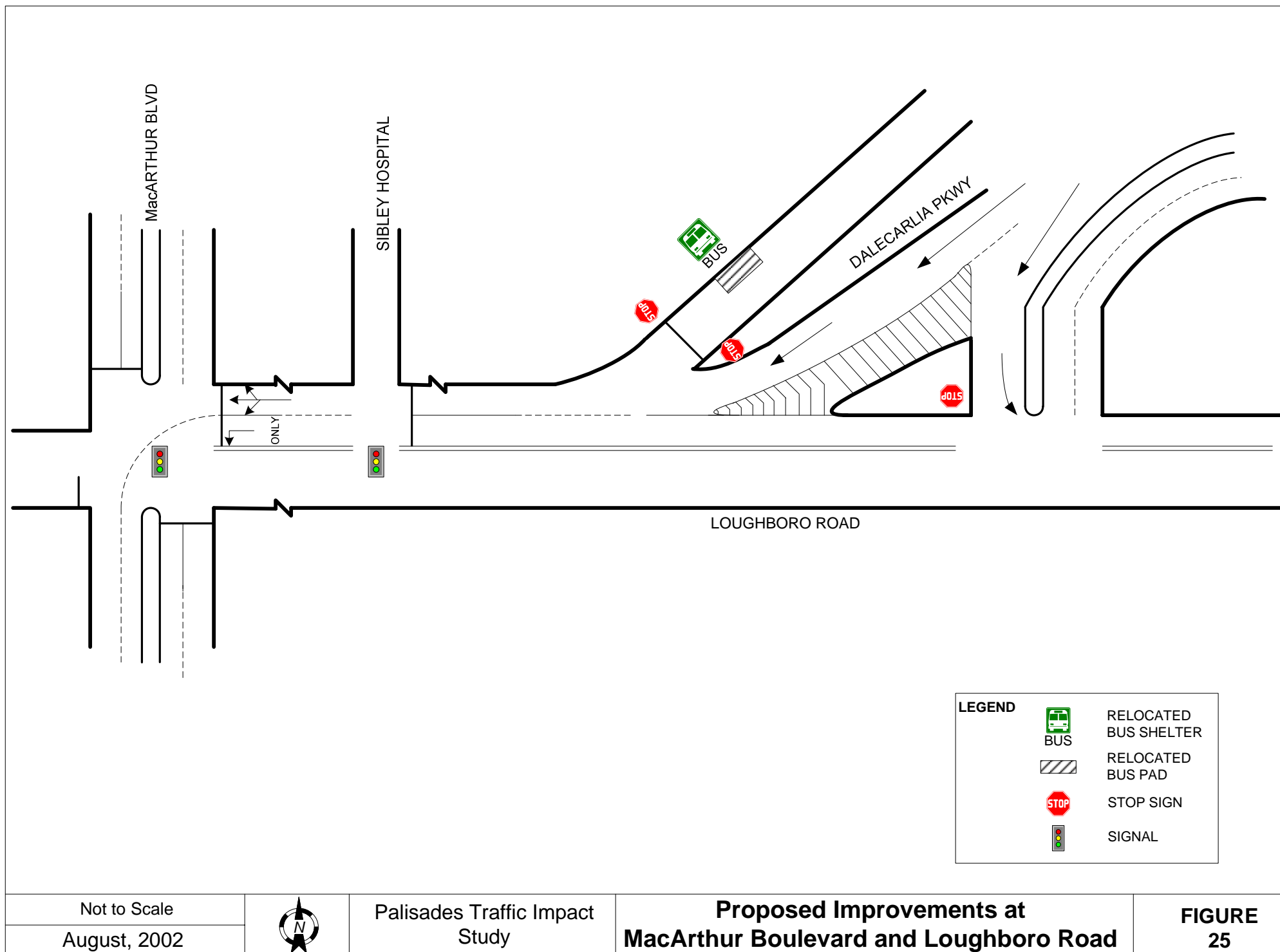
Preliminary Improvement(s):

Figure 25 is a preliminary sketch showing the improvements described below.

1. Reduce the number of through lanes from Dalecarlia Parkway to westbound Loughboro Road from two to one at the approach to Loughboro Road.
2. Stripe Loughboro Road as two westbound lanes from its intersection with Dalecarlia to MacArthur Boulevard.
3. Relocate bus shelter near Sibley Hospital to location on bus access ramp.
4. Install pavement markings on westbound Loughboro at its intersection with MacArthur to indicate an exclusive left turn from the left lane, and a shared left/through/right from the right lane.
5. Carry westbound Loughboro lane line through intersection to delineate turning path for each lane.

Evaluation:

1. The off-ramp from Dalecarlia Parkway to westbound Loughboro Road creates a safety issue. There are two lanes coming off the parkway, merging with through traffic on Loughboro and continuing into one lane on Loughboro Road. Loughboro is wide enough at this point to accommodate two lanes. The two lanes on the off-ramp should be reduced to one lane, which would continue to be controlled by a stop sign before continuing onto the newly created curb lane on Loughboro.
2. Figure 26 shows that Loughboro is wide enough for two lanes from Dalecarlia Parkway to MacArthur Boulevard. As seen in Figure 5, there is a lane-control sign indicating two lanes. Pavement markings should be added.



Not to Scale
August, 2002



Palisades Traffic Impact
Study

**Proposed Improvements at
MacArthur Boulevard and Loughboro Road**

**FIGURE
25**

Figure 26
Loughboro Road Approaching MacArthur Boulevard



3. With the new configuration of Dalecarlia Parkway, the existing bus shelter near Sibley Hospital should be relocated to the bus ramp to improve both pedestrian and vehicular safety, as well as to prevent bus blockages of the curb lane.
4. Left turns are permitted from the right lane of Loughboro at MacArthur. Adding pavement markings will clarify this for drivers.
5. The turning path should be carried through the intersection to ensure that drivers turn into the proper lane.

Recommendation:

- Implement all of the preliminary improvements noted above.

Issue:

- Sight distance on westbound Loughboro Road approaching MacArthur Boulevard

Preliminary Improvement(s):

1. Prohibit left turns from unsignalized Sibley Hospital driveway, due to poor sight distance caused by the grade of Loughboro Road.

Evaluation:

1. The left turn prohibition will improve safety.

Recommendation:

- Prohibit left turns.

Issue:

- Bus operations in the vicinity of Sibley Hospital

Preliminary Improvement(s):

1. Remove bus stop on eastbound Loughboro Road between Sibley Hospital driveway and Dalecarlia Parkway.
2. Rebuild Little Falls Road to acceptable engineering standards to allow bus loading and unloading.

Evaluation:

1. The elimination of the bus stop will have little effect on bus riders. Passengers can board or depart the bus at the bus stop at the hospital driveway.
2. While the Consultant feels that this is a good solution to the problem of bus traffic in the immediate vicinity of Sibley Hospital, a study of the pavement strength, subgrade and roadway geometrics should be undertaken before further recommendation could be given.

Recommendation:

- Remove the bus stop on Loughboro Road. Perform additional study on Little Falls Road.

Issue:

- Speeding on Loughboro Road

Preliminary Improvement(s):

1. Place temporary radar speed monitors on both directions of Loughboro Road between Arizona Avenue and Dalecarlia Parkway for a period of two weeks. Repeat the placement of the speed monitoring equipment every three months. Conduct three days of speed enforcement every two months.

Evaluation:

1. The speed monitors will alert drivers to the posted speed and their actual speed in an effort to slow traffic. During times of police enforcement, the recommended parking lane on Loughboro Road can safely be used to pull over traffic violators.

Recommendation:

- Install speed monitors. Repeat the placement of the speed monitoring equipment every three months. Conduct three days of speed enforcement every three months.

MACARTHUR BOULEVARD**Issue:**

- Traffic Operations on MacArthur Boulevard at Arizona Avenue

Preliminary Improvement(s):

1. Convert approximately 160 feet of median in each direction of MacArthur Boulevard to exclusive left turn lanes, with protected signal phasing.

Evaluation:

1. The negative impacts of this preliminary improvement outweigh the positive. There are not enough left turns from MacArthur Boulevard to Arizona Avenue to justify removing part of the median. The addition of a protected left turn phase also increases delay and degrades LOS for the entire intersection.